STUDY OF SELECTED FISHING OPERATIONS

IN

NEW BRUNSWICK

1985

MINISTÈRE DES PÊCHES
PROVINCE DU NOUVEAU-BRUNSWICK

DEPARTMENT OF FISHERIES
PROVINCE OF NEW BRUNSWICK

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FOREWORD

Each year, the Resource Policy and Planning Branch of the New Brunswick Department of Fisheries conducts profitability studies in the various sectors of the fishing fleet in order to obtain the information necessary to meet the needs of the industry.

Although the selection of samples was based on the voluntary participation of fishermen, it does not really affect the financial results, and it does help determine the current situation of the fishing industry quite realistically.

This report includes seventy-two (72) fishing vessels: forty (40) inshore from the North and Southeast of the province, sixteen (16) midshore from the Northeast, and sixteen (16) vessels from the Bay of Fundy region, mainly Grand Manan, Campobello, and Deer Island.

The vessels studied belong to captains, who are either sole owners or co-owners. They are therefore responsible for the fishing operations and the ensuing financial results.

The fishing vessel captains, who cooperated admirably, provided the information necessary for this study. The Department of Fisheries and Oceans provided some financial assistance for the completion of this study in the Scotia-Fundy and Gulf of St. Lawrence regions.

Certain representatives of the New Brunswick Department of Fisheries also lent their support to the project. Mrs. Velma Losier of Grand Manan was responsible for gathering data for the Bay of Fundy region, and Mr. Conrad Godin helped to compile the data.

Very sincere thanks are extended to these people and to all those who made a contribution.

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INTRODUCTION

The seventy-two vessels included in this report are divided into 19 categories, depending on the zone of operations or type of fishing gear used (see Table 1). Generally, each category includes a sample of four vessels and the data indicated represent the average for each category.

The inshore vessels, from the North and Southeast of the province, are grouped by the zone or sector of their operations, and are identified by a number and the name of their locality (1. Stonehaven - Maisonnette). Among these vessels, groups two and four, from Caraquet and Lamèque - Shippagan, are considered to be herring boats, since their main operation is herring fishing. The other groups are considered to be lobster boats.

All midshore vessels are from the Northeast of the province and are grouped according to the type of fishing gear used, i.e., crab pot, Scottish seine, shrimp net, or groundfish trawl.

In the Bay of Fundy region, five categories have been studied, i.e., inshore multi-purpose vessels with wood or fibreglass hulls. The others are distinguished by the type of fishing gear they use, i.e., purse seine, longline, or scallop dragger. Certain tables for the Bay of Fundy region could not be included in this report since the data were not available.

GENERAL DESCRIPTION

The inshore vessels (groups 1-10) have an average age of 9 years, with an average length of 42 feet and an average gross tonnage of 13 tons. The midshore vessels (groups 11-14) have an average age of 14 years, a length of 70 feet and a gross tonnage of 82 tons. In the Bay of Fundy region (groups 15-19), the average age is 11 years, with a length of 45 feet and an average gross tonnage of 26 tons.

With regard to the electronic equipment used, the forty (40) inshore vessels from the North and Southeast of the province have an average per boat of 1.2 sounders, and 1.4 radio telephones (including standard radio or C.B. services), 0.5 lorans, and 0.2 radars.

The midshore vessels (groups 11-14) each have an average of 2.1 sounders, 3.2 radio telephones, 2.1 lorans, and 1.9 radars.

Vessels in the Bay of Fundy each have an average of 1.4 sounders, 1.7 radio telephones, 1.0 loran, 1.3 radars, and 0.3 sonar.

Table 1 - Description of Selected Vessels in New Brunswick

Localities and types of vessel (Groups 1-19)	Vessels included in sample	Hull	Average per group		
			Age	(1) O.L.	Gross tonnage
	(number)		(years)	(feet)	
I. North and Southeast Shores					
Inshore					
1. Stonehaven-Maisonnette	4	wood	7	35	9
2. Caraquet (2)	4	wood	9	48	18
3. Lamèque-Shippagan	4	wood	7	36	10
4. Lamèque-Shippagan (2)	4	wood	9	44	15
5. Val Comeau-Neguac	4	wood	12	43	13
6. Baie-Ste-Anne	4	wood	8	43	13
7. Pointe Sapin	4	wood	11	39	10
8. Richibucto	4	wood	12	44	13
9. Cap-Pelé	4	wood	8	42	13
10. Cape Tormentine	4	wood	9	43	13
Midshore					
11. Crabbers	4	wood	13	64	63
12. Scottish Seiners	4	wood	13	64	58
13. Crabbers and Scottish Seiners	4	steel	7	65	81
14. Shrimpers	4	wood	21	85	126
II. Bay of Fundy					
15. Multi-purpose	3	wood	5	43	17
16. Multi-purpose	3	fibre-glass	5	42	24
17. Herring Seiners	3	wood	20	60	51
18. Longliners	3	wood	11	41	16
19. Scallop Draggers	4	wood	13	40	21

(1) O.L. - Overall Length

(2) Considered to be herring boats

Table 2 - Electronic Equipment Used

Localities and types of vessel (Groups 1-19)	Vessels in Sample	Devices Used				
		Sounder	(1) Radio telephone	Loran	Radar	Sonar
	number	number	number	number	number	number
I. North and Southeast Shores						
Inshore						
1. Stonehaven-Maisonnette	4	6	4	-	-	-
2. Caraquet (2)	4	7	8	3	3	-
3. Lamèque-Shippagan	4	6	6	2	-	-
4. Lamèque-Shippagan (2)	4	4	7	-	2	-
5. Val Comeau-Neguac	4	4	4	-	-	-
6. Baie-Ste-Anne	4	5	6	4	1	-
7. Pointe Sapin	4	3	5	3	-	-
8. Richibucto	4	4	4	3	-	-
9. Cap-Pelé	4	4	6	4	-	-
10. Cape Tormentine	4	5	5	2	2	-
Midshore						
11. Crabbers	4	7	11	8	6	-
12. Scottish Seiners	4	8	13	9	8	-
13. Crabbers and Scottish Seiners	4	9	10	8	8	-
14. Shrimpers	4	10	17	8	8	-
II. Bay of Fundy						
15. Multi-purpose (wood)	3	3	5	3	3	-
16. Multi-purpose (fibreglass)	3	3	4	3	3	-
17. Herring Seiners	3	5	7	5	6	5
18. Longliners	3	5	4	-	4	-
19. Scallop Draggers	4	7	7	5	5	-
TOTAL:	72	105	133	70	59	5

(1) Radio telephone also includes standard radio service or C.B.
(2) Considered to be herring boats.

FISHING LICENCES

Tables 3(a) to 3(c) indicate the various licences owned by the licencees. Among the forty (40) inshore vessels (groups 1-10), there are 36 lobster licences, 39 herring licences, and 36 mackerel licences. The sixteen midshore vessels have 8 crab licences, 15 for groundfish, and 5 for shrimp. The licences owned by the 16 vessels in the Bay of Fundy region include 9 for lobster, 10 for scallop, and 7 for herring.

Table 3(a) - Fishing Licences Available - North and Southeast Shores

By locality (Groups 1-10)	Vessels in Sample	Various Fishing Licences											
		Lobster	Herring	Mackerel		Ground-fish			Scallop	Tuna	Gaspereau	Oyster	Irish moss
	No.	No.	No.	No.		No.			No.	No.	No.	No.	No.
				(1)	(2)	(3)	(4)	(5)					
Inshore													
1. Stonehaven-Maisonnette	4	4	4	4		2	1						
2. Caraquet	4	-	4	4		1	1		1	1		1	
3. Lamèque-Shippagan	4	4	4	4		4			1	1			
4. Lamèque-Shippagan	4	4	4	4	1	4	1		1	2			
5. Val Comeau-Neguac	4	4	4	4		3		1	2		1		
6. Baie-Ste-Anne	4	4	4	4		3	3		2				1
7. Pointe Sapin	4	4	4	4		4	1	2		1			4
8. Richibucto	4	4	3	1	1	1		3	3		1		
9. Cap Pelé	4	4	4	4		3	1		4		1		
10. Cape Tormentine	4	4	4	3		2		1	4				
TOTAL:	40	36	39	36	2	27	8	7	18	5	3	1	5

(1) Gillnetting (2) Purse seining (3) Gillnetting
(4) Trawling (5) Otter trawling

Table 3(b) - Fishing Licences Available / Midshore

Types of vessel (Groups 11-14)	Vessels in Sample	Various Fishing Licences		
		Crab	Groundfish	Shrimp
	No.	No.	No.	No.
11. Crabbers	4	4	3	1
12. Scottish Seiners	4	-	4	-
13. Crabbers and Scottish Seiners	4	4	4	-
14. Shrimpers	4	-	4	4
TOTAL	16	8	15	5

Table 3(c) - Fishing Licences Available / Bay of Fundy

Types of vessel (Groups 15-19)	Vessels in Sample	Various Fishing Licences								
		Lobster	(1)Ground-fish	Scallop	Herring	Mackerel	Purse seining	Quahaug fishing	Drag-seine (shut-off)	Herring pump (pumping licence)
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
15. Multi-purpose (wood)	3	2	2	3	1			1	1	1
16. Multi-purpose (fibreglass)	3	3	1	3	2					2
17. Herring Seiners	3	-	-	-			3			
18. Longliners	3	2	3		1	1				
19. Scallop Draggers	4	2	3	4	3			1	1	
TOTAL:	16	9	9	10	7	1	3	2	2	3

(1) Net and longline fishing.

OPERATING RESULTS

In 1985, the inshore vessels in the North and Southeast of the province landed a total of 4,570,842 lb of fish, representing a value of $1,552,358.38. Of this value, lobster accounted for 67.9%, and herring for 15.7% (Table 4a).

The midshore vessels (Table 4b) landed a total of 11,668,512 lb of fish, with a corresponding total value of $4,279,702.37. Snow crab represented 56.6% of this value, and cod 21.7%.

Boats in the Bay of Fundy landed 18,005,637 lb, for a total value of $1,621,868.20. Herring made up 64.8% of this value, and scallop represented 14.4%.

It should be noted that the other tables which follow, i.e., 5(a) to 9(c), present a more detailed analysis of the landings.

Table 4(a) - Total landings, total landed value, and average price per species - North and Southeast Shores - 1985

Species	Total Landings	Percentage of total	Total landed value	% of total	Average price received
	lb	%	$	%	¢
		Inshore			
Lobster	487,272	10.7	1,054,681.96	67.9	216.45
Herring	3,201,918	70.0	243,429.18	15.7	7.60
Mackerel	456,402	10.0	64,023.53	4.1	14.03
Cod	29,703	0.6	6,579.64	0.4	22.15
Plaice	27,520	0.6	4,103.16	0.3	15.77
Hake	97,468	2.2	15,281.62	1.0	15.44
Gaspereau	220,500	4.8	13,230.00	0.9	6.00
Shad	12	0	2.00	0	16.67
Tuna	910	0	682.50	0	75.00
Scallop	27,979	0.6	146,075.31	9.4	522.09
Oysters	3,723	0.1	2,056.30	0.1	55.23
Cancer Crab	17,435	0.4	2,213.18	0.2	12.69
TOTALS	4,570,842	100.0	1,552,358.38	100.0	33.96

0 Not applicable

Table 4(b) - Total landings, total landed value, and average price per species - North and Southeast Shores - 1985

Species	Total Landings	Percentage of total	Total landed value	Percentage of total	Average price received
	lb	%	$	%	¢
		Midshore			
Crab	4,288,251	36.8	2,421,828.39	56.6	56.48
Cod	4,688,820	40.2	930,199.93	21.7	19.84
Hake	193,844	1.7	15,410.98	0.4	7.95
Plaice	957,424	8.2	222,814.10	5.2	23.27
Haddock	57,470	0.5	15,402.97	0.4	26.80
Halibut	559	0	526.85	0	94.25
Turbot	105,944	0.9	15,666.72	0.4	14.79
Catfish	327	0	42.81	0	13.09
Redfish	276,883	2,3	31,558.17	0.7	11.40
Shrimp	1,095,149	9.4	626,232.25	14.6	57.18
Ungraded*	3,841	0	19.20	0	0.5
TOTALS	11,668,512	100.0	4,279,702.37	100.0	36.68

0 Not applicable

* Ungraded means all species graded by purchasers as being of inferior quality.

Table 4(c) - Total landings, total landed value, and average price per species - Bay of Fundy.

Species	Total Landings	Percentage of total	Total landed value	Percentage of total	Average price received
	lb	%	$	%	¢
Lobster	36,979	0.20	148,454.40	9.15	401.46
Herring	17,344,932	96.33	1,051,389.45	64.83	6.06
Scallop	35,213	0.20	234,002.74	14.43	664.54
Cod	278,905	1.55	95,254.75	5.87	34.15
Plaice	40,334	0.22	19,137.45	1.18	47.45
Hake	1,176	0.01	196.50	0.01	16.71
Haddock	32,159	0.18	19,507.08	1.20	60.66
Halibut	375	0	813.87	0.05	217.03
Mackerel	9,208	0.05	1,828.66	0.11	19.86
Pollock	41,144	0.23	8,050.95	0.50	19.57
Catfish	3,362	0.02	308.79	0.02	9.18
Sturgeon	68	0	10.20	0	15.00
Shark	244	0	230.10	0.02	94.30
Herring Scale	166,597	0.93	38,848.26	2.40	23.32
Shad	100	0	15.00	0	15.00
Dogfish	441	0	220.00	0.01	49.89
Clams	14,400	0.08	3,600.00	0.22	25.00
TOTALS	18,005,637	100.0	1,621,868.20	100.0	9.01

0 Not applicable

Table 5(a) - Average landings per species - North and Southeast Shores

Inshore Vessels

Species of Fish	Average by locality				
	1. Stonehaven-Maisonnette	2.*Caraquet	3. Lamèque-Shippagan	4.*Lamèque-Shippagan	5. Val Comeau-Neguac
	lb	lb	lb	lb	lb
Lobster	5,532		6,838	5,241	10,230
Herring	78,768	398,462	37,173	152,327	50,097
Mackerel	13,264	53,279	7,499	19,317	625
Cod	3,209	300	691	1,881	500
Plaice	1,340		375	49	116
Hake	638		221		1,078
Shad	3				
Gaspereau					
Scallop		625	276	347	613
Tuna			228		
Oysters					931
Cancer Crab					1,024
TOTALS	102,754	452,666	53,301	179,162	65,214

* Considered to be herring boats.

Table 5(a) - Average landings per species - North and Southeast Shores

Inshore vessels

Species of fish	Average by locality				
	6. Baie-Ste-Anne	7. Pointe Sapin	8. Richibucto	9. Cap-Pelé	10. Cape Tormentine
	lb	lb	lb	lb	lb
Lobster	12,440	13,826	15,576	20,180	31,957
Herring	45,594	32,641		5,417	
Mackerel	12,935	7,182			
Cod	168	676			
Plaice	5,000				
Hake		3,866	11,576		6,988
Shad					
Gaspereau			55,125		
Scallop	722		1,767	1,714	930
Tuna					
Oysters					
Cancer Crab		1,602	1,388	31	312
TOTALS	76,859	59,793	85,432	27,342	40,187

Table 5(b) - Average landings per species - North and Southeast Shores

Midshore Vessels

Species of fish	Average			
	11. Crabbers	12. Scottish Seniers	13. (2)Crabbers Scottish Seiners	14. Shrimpers
	lb	lb	lb	lb
Cod		891,573	139,730	140,902
Haddock		13,910	150	307
Hake		36,205	10,954	1,302
Halibut		29		111
Turbot		333	37	26,117
Plaice		184,642	50,684	4,030
Catfish				82
Redfish				69,221
Shrimp				273,787
Snow Crab	430,043		642,020	
Ungraded (1)				960
TOTALS	430,043	1,126,692	843,575	516,819

(1) Ungraded means all species graded by purchasers as being of inferior quality.

(2) Steel hull.

Table 5(c) - Average landings per species - Bay of Fundy

Species of fish	Average according to type of vessel				
	15. Multi-purpose (wood)	16. Multi-purpose (fibreglass)	17. Herring Seiners	18. Long-liners	19. Scallop Draggers
	lb	lb	lb	lb	lb
Lobster	2,083	5,945		2,313	1,489
Herring			5,674,826		80,114
Haddock	1,976	8,057		686	
Cod	22,593	29,119	270	40,986	
Plaice	9,357	4,069		19	
Hake	28	248		116	
Pollock	8,567	3,287		1,861	
Catfish	297	818		5	
Scallop	1,159	3,216			5,522
Halibut	23	64		38	
Sturgeon				23	
Mackerel				3,069	
Shark		47		35	
Herring Scale	35,192	20,341			
Shad				33	
Dogfish				147	
Clams					3,600
TOTALS	81,275	75,211	5,675,096	49,331	90,725

Table 6(a) - Average landed values per species

North and Southeast Shores - Inshore Vessels

Species of fish	Average by locality				
	1. Stonehaven-Maisonnette	2.*Caraquet	3. Lamèque-Shippagan	4.*Lamèque-Shippagan	5. Val Comeau-Neguac
	$	$	$	$	$
Lobster	11,121		15,816	12,282	23,623
Herring	5,765	27,215	3,587	15,158	3,574
Mackerel	1,347	7,222	1,127	3,477	94
Cod	809	60	138	376	123
Plaice	368		30	11	17
Hake	67		22		151
Shad	1				
Gaspereau					
Scallop		3,438	1,398	1,916	2,759
Tuna			171		
Oysters					514
Cancer Crab					102
TOTALS	19,478	37,935	22,289	33,220	30,957

* Considered to be herring boats.

Table 6(a) - Average landed values per species.

Species of fish	Average by locality				
	6. Baie-Ste-Anne	7. Pointe Sapin	8. Richibucto	9. Cap-Pelé	10. Cape Tormentine
	$	$	$	$	$
Lobster	27,896	30,126	33,769	40,606	68,432
Herring	2,845	2,325		388	
Mackerel	1,940	798			
Cod	31	108			
Plaice	600				
Hake		387	2,286		907
Shad					
Gaspereau			3,308		
Scallop	3,805		9,389	8,984	4,830
Tuna					
Oysters					
Cancer Crab		160	259	3	29
TOTALS	37,117	33,904	49,011	49,981	74,198

Table 6(b) - Average landed values per species.

North and Southeast Shores - Midshore vessels.

Species of fish	11. Crabbers	12. Scottish Seniers	13. (2)Crabbers Scottish Seiners	14. Shrimpers
	$	$	$	$
Cod		175,306	30,088	27,156
Haddock		3,729	60	62
Hake		2,835	936	81
Halibut		44		88
Turbot		50	12	3,855
Plaice		41,848	13,081	774
Catfish				11
Redfish				7,890
Shrimp				156,558
Snow Crab	253,675		351,782	
Ungraded (1)				5
TOTALS	253,675	223,812	395,959	196,480

(1) Ungraded means all species of fish graded by purchasers as being of inferior quality.

(2) Steel hull.

Table 6(c) - Average landed values per species - Bay of Fundy

Species of fish	Average according to type of vessel				
	15. Multi-purpose (wood)	16. Multi-purpose (fibreglass)	17. Herring Seiners	18. Long-liners	19. Scallop Draggers
	lb	lb	lb	lb	lb
Lobster	7,786	24,721		8,714	6,198
Herring			344,284		4,635
Haddock	1,513	4,457		533	
Cod	8,929	8,798	94	13,930	
Plaice	4,844	1,530		6	
Hake	5	42		18	
Pollock	1,669	643		372	
Catfish	56	47		1	
Scallop	8,797	20,719			36,364
Halibut	47	132		92	
Sturgeon				3	
Mackerel				610	
Shark		42		35	
Herring Scale	8,804	4,145			
Shad				5	
Dogfish				73	
Clams					900
TOTALS	42,450	65,274	344,378	24,392	48,097

Table 7(a) - Average prices received per species (in cents per pound)

North and Southeast Shores - Inshore vessels

Species of fish	Average by locality				
	1. Stonehaven-Maisonnette	2.*Caraquet	3. Lamèque-Shippagan	4.*Lamèque-Shippagan	5. Val Comeau-Neguac
Lobster	201.03		231.30	234.34	230.92
Herring	7.32	6.83	9.65	9.95	7.13
Mackerel	10.16	13.56	15.03	18.00	15.04
Cod	25.21	20.00	19.97	19.99	24.60
Plaice	27.46		8.00	22.45	14.66
Hake	10.50		9.95		14.01
Shad	33.33				
Gaspereau					
Scallop		550.08	506.52	552.16	450.08
Tuna			75.00		
Oysters					55.21
Cancer Crab					9.96
ALL SPECIES	18.96	8.38	41.82	18.54	47.47

* Considered to be herring boats.

Table 7(a) - Average prices received per species (in cents per pound)

North and Southeast Shores - Inshore vessels.

Species of fish	Average by locality				
	6. Baie-Ste-Anne	7. Pointe Sapin	8. Richibucto	9. Cap-Pelé	10. Cape Tormentine
Lobster	224.24	217.89	216.80	201.22	214.14
Herring	6.24	7.12		7.16	
Mackerel	15.00	11.11			
Cod	18.45	15.98			
Plaice	12.00				
Hake		10.01	19.75		12.98
Shad					
Gaspereau			6.00		
Scallop	527.01		531.35	524.15	519.35
Tuna					
Oysters					
Cancer Crab		9.99	18.66	9.68	9.29
ALL SPECIES	48.29	56.70	57.37	182.80	184.63

Table 7(b) - Average prices received per species (in cents per pound)

North and Southeast Shores - Midshore vessels.

Species of fish	Average			
	11. Crabbers	12. Scottish Seniers	13. (2)Crabbers Scottish Seiners	14. Shrimpers
Cod		19.66	21.53	19.27
Haddock		26.81	40.00	20.20
Hake		7.83	8.54	6.22
Halibut		151.72		79.28
Turbot		15.02	32.43	14.76
Plaice		22.66	25.81	19.21
Catfish				13.41
Redfish				11.40
Shrimp				57.18
Snow Crab	58.99		54.79	
Ungraded (1)				0.52
ALL SPECIES	58.99	19.86	46.94	38.02

(1) Ungraded means all species graded by purchasers as being of inferior quality.

(2) Steel hull.

Table 7(c) - Average prices received per species (in cents per pound)

Bay of Fundy

Species of fish	Average according to type of vessel				
	15. Multi-purpose (wood)	16. Multi-purpose (fibreglass)	17. Herring Seiners	18. Long-liners	19. Scallop Draggers
	¢	¢	¢	¢	¢
Lobster	373.79	415.83		376.74	416.25
Herring			6.07		5.79
Haddock	76.57	55.32		77.70	
Cod	39.52	30.21	34.81	33.99	
Plaice	51.77	37.60		31.58	
Hake	17.86	16.94		15.52	
Pollock	19.48	19.56		19.99	
Catfish	18.86	5.75		20.00	
Scallop	759.02	644.25			658.53
Halibut	204.35	206.25		242.11	
Sturgeon				13.04	
Mackerel				19.88	
Shark		89.36		100.00	
Herring Scale	25.02	20.38			
Shad				15.15	
Dogfish				49.66	
Clams					25.00
ALL SPECIES	52.23	86.79	6.07	49.45	53.01

Table 8(a) - Percentage distribution of total landings per species

North and Southeast Shores - Inshore vessels

Species of fish	Average by locality				
	1. Stonehaven-Maisonnette	2.*Caraquet	3. Lamèque-Shippagan	4.*Lamèque-Shippagan	5. Val Comeau-Neguac
	%	%	%	%	%
Lobster	5.4		12.8	2.9	15.7
Herring	76.7	88.0	69.8	85.0	76.8
Mackerel	12.9	11.8	14.1	10.8	1.0
Cod	3.1	0.1	1.3	1.1	0.8
Plaice	1.3		0.7	0	0.2
Hake	0.6		0.4		1.6
Shad	0				
Gaspereau					
Scallop		0.1	0.5	0.2	0.9
Tuna			0.4		
Oysters					1.4
Cancer Crab					1.6
TOTALS	100.0	100.0	100.0	100.0	100.0

0 Not applicable

* Considered to be herring boats.

Table 8(a) - Percentage distribution of total landings per species - North and Southeast Shores - Inshore vessels.

Species of fish	Average by locality				
	6. Baie-Ste-Anne	7. Pointe Sapin	8. Richibucto	9. Cap-Pelé	10. Cape Tormentine
	%	%	%	%	%
Lobster	16.2	23.1	18.2	73.8	79.5
Herring	59.3	54.6		19.8	
Mackerel	16.8	12.0			
Cod	0.2	1.1			
Plaice	6.5				
Hake		6.5	13.6		17.4
Shad					
Gaspereau			64.5		
Scallop	1.0		2.1	6.3	2.3
Tuna					
Oysters					
Cancer Crab		2.7	1.6	0.1	0.8
TOTALS	100.0	100.0	100.0	100.0	100.0

Table 8(b) - Percentage distribution of total landings per species - North and Southeast Shores - Midshore vessels.

Species of fish	Average			
	11. Crabbers	12. Scottish Seniers	13. (2)Crabbers Scottish Seiners	14. Shrimpers
	%	%	%	%
Cod		79.1	16.6	27.2
Haddock		1.3	0	0.1
Hake		3.2	1.3	0.3
Halibut		0		0
Turbot		0	0	5.0
Plaice		16.4	6.0	0.8
Catfish				0
Redfish				13.4
Shrimp				53.8
Snow Crab	100.0		76.1	
Ungraded (1)				0.2
TOTALS	100.0	100.0	100.0	100.0

0 Not applicable

* Steel hull.

(1) Ungraded means all species graded by purchasers as being of inferior quality.

Table 8(c) - Percentage distribution of total landings per species - Bay of Fundy

Species of fish	Average according to type of vessel				
	15. Multi-purpose (wood)	16. Multi-purpose (fibreglass)	17. Herring Seiners	18. Long-liners	19. Scallop Draggers
	%	%	%	%	%
Lobster	2.6	7.9		4.7	1.6
Herring			100.0		88.3
Haddock	2.4	10.7		1.4	
Cod	27.8	38.7	0	83.1	
Plaice	11.5	5.4		0	
Hake	0	0.3		0.2	
Pollock	10.6	4.4		3.7	
Catfish	0.4	1.1		0	
Scallop	1.4	4.3			6.1
Halibut	0	0.1		0.1	
Sturgeon				0.1	
Mackerel				6.2	
Shark		0.1		0.1	
Herring Scale	43.3	27.0			
Shad				0.1	
Dogfish				0.3	
Clams					4.0
TOTALS	100.0	100.0	100.0	100.0	100.0

0 Not applicable

Table 9(a) - Percentage distribution of total landings per species - North and Southeast Shores - Inshore vessels

Species of fish	Average by locality				
	1. Stonehaven-Maisonnette	2.*Caraquet	3. Lamèque-Shippagan	4.*Lamèque-Shippagan	5. Val Comeau-Neguac
	%	%	%	%	%
Lobster	57.1		71.0	37.0	76.3
Herring	29.6	71.7	16.1	45.6	11.5
Mackerel	6.9	19.0	5.0	10.5	0.3
Cod	4.2	0.2	0.6	1.1	0.4
Plaice	1.9		0.1	0	0.1
Hake	0.3		0.1		0.5
Shad	0				
Gaspereau					
Scallop		9.1	6.3	5.8	8.9
Tuna			0.8		
Oysters					1.7
Cancer Crab					0.3
TOTALS	100.0	100.0	100.0	100.0	100.0

0 Not applicable

* Considered to be herring boats.

Table 9(a) - Percentage distribution of total landed value per species - North and Southeast Shores - Inshore vessels.

Species of fish	Average by locality				
	6. Baie-Ste-Anne	7. Pointe Sapin	8. Richibucto	9. Cap-Pelé	10. Cape Tormentine
	%	%	%	%	%
Lobster	75.2	88.9	68.9	81.2	92.2
Herring	7.7	6.9		0.8	
Mackerel	5.2	2.3			
Cod	0.1	0.3			
Plaice	1.6				
Hake		1.1	4.7		1.2
Shad					
Gaspereau			6.7		
Scallop	10.2		19.2	18.0	6.5
Tuna					
Oysters					
Cancer Crab		0.5	0.5	0	0.1
TOTALS	100.0	100.0	100.0	100.0	100.0

0 Not applicable

Table 9(b) - Percentage distribution of total landed value per species - North and Southeast Shores - Midshore vessels.

Species of fish	Average			
	11. Crabbers	12. Scottish Seniers	13. (2)Crabbers Scottish Seiners	14. Shrimpers
	%	%	%	%
Cod		78.3	7.6	13.8
Haddock		1.7	0	0
Hake		1.3	0.3	0
Halibut		0		0.1
Turbot		0	0	2.0
Plaice		18.7	3.3	0.4
Catfish				0
Redfish				4.0
Shrimp				79.7
Snow Crab	100.0		88.8	
Ungraded (1)				0
TOTALS	100.0	100.0	100.0	100.0

0 Not applicable

* Steel hull

(1) Ungraded means all species graded by purchasers as being of inferior quality.

Table 9(c) - Percentage distribution of total landed value per species - Bay of Fundy

Species of fish	Average according to type of vessel				
	15. Multi-purpose (wood)	16. Multi-purpose (fibreglass)	17. Herring Seiners	18. Long-liners	19. Scallop Draggers
	%	%	%	%	%
Lobster	18.4	37.9		35.7	12.9
Herring			100.0		9.6
Haddock	3.6	6.8		2.2	
Cod	21.0	13.5	0	57.1	
Plaice	11.4	2.3		0	
Hake	0	0.1		0.1	
Pollock	3.9	1.0		1.5	
Catfish	0.1	0.1		0	
Scallop	20.7	31.7			75.6
Halibut	0.1	0.2		0.4	
Sturgeon				0	
Mackerel				2.5	
Shark		0.1		0.2	
Herring Scale	20.8	6.3			
Shad				0	
Dogfish				0.3	
Clams					1.9
TOTALS	100.0	100.0	100.0	100.0	100.0

0 Not applicable

SUMMARY OF OPERATIONS

The summary of operations for 1985 is presented as the average for each group of vessels and also as the percentage distribution of revenue in Tables 10a through 11c inclusive.

In general, the inshore vessels were more successful than last year. From Pointe Sapin southward, a clear improvement is noticeable, mainly because of a significant increase in the lobster catch.

The crabbers' revenue went down considerably. This is due to the rather sharp decreases in catches and in the price received per pound in comparison with the year before.

Generally, the Scottish seiners were able to obtain better prices and had larger landings. They therefore show good financial results.

The crabbers and Scottish seniers, that is, the steel-hulled boats, also had good financial results, much better than last year's.

The financial situation of the shrimpers is still extremely poor, with an average net deficit of $84,317.00 after depreciation. Expenses for fuel and interest on loans represent 30.2% and 24.4% of total revenue respectively. This played a major role in reducing the revenues.

In the Bay of Fundy region, the landings of herring seiners increased rather sharply compared with those of the previous year. The longliners, however, remain a rather unprofitable operation. It should be noted that the vessel captains or owners very often engage in different fishing operations. This means that their fishing effort is not limited to one type of gear, but includes different types, which sometimes compete with one another. For example, if a captain has little success with line trawling, he may use his other boat for scallop dragging, or even work as a partner in a herring wier, depending on which is more profitable. This means that the results of certain fishing operation studies may sometimes be affected by this phenonemon, which is more or less specific to the Bay of Fundy.

Table 10(a) - Average revenue, expenditure, and net income
North and Southeast Shores - Inshore vessels

ITEMS	Average		
	1. Stonehaven Maisonnette	2.*Caraquet	3. Lamèque-Shippagan
Dimensions (feet)	35	48	36
	$	$	$
Revenue			
Sale of fish	19,478	37,935	22,289
Other revenue		2,641	1
Total revenue	19,478	40,576	22,290
Expenditure			
Maintenance and repair			
Hull	401	1,034	657
Motor	639	511	315
Winch	120	473	180
Fishing gear	594	654	894
Electronic devices	37	22	192
Subtotal	1,791	2,694	2,238
Other operating expenses			
Fuel	1,991	2,603	2,443
Bait	674		943
Ice		278	
Provisions	387	930	600
Wages	111	69	61
Wharfage	24	428	150
Miscellaneous	2,158	2,385	2,674
Subtotal	5,345	6,693	6,871
Fixed expenses			
Marine insurance	266	850	362
Workers' Compensation Board			
Interest	914	1,960	385
Other	212	259	256
Subtotal	1,392	3,069	1,003
Total cash expenditure			
Net cash remuneration labour and capital	10,950	28,120	12,178
1. Net crew income			
Net crew share (1)	9,405	23,967	11,202
Commission			
Subtotal	9,405	23,967	11,202
2. Net boat share	1,545	4,153	976
Less depreciation (2)	1,401	2,997	1,847
Net vessel income	144	1,156	- 871

(1) Includes helpers' wages and average wages calculated for captains.
(2) Depreciation calculated at 7 1/2% annually.
* Considered to be herring boats.

Table 10(a) - Average revenue, expenditure, and net income
North and Southeast Shores - Inshore vessels

ITEMS	Average		
	4.*Lamèque-Shippagan	5. Val Comeau Neguac	6. Baie-Ste-Anne
Dimensions (feet)	44	43	43
	$	$	$
Revenue			
Sale of fish	33,220	30,956	37,117
Other revenue	11	18	
Total revenue	33,231	30,974	37,117
Expenditure			
Maintenance and repair			
Hull	1,038	589	1,164
Motor	634	406	666
Winch	135	64	508
Fishing gear	1,778	823	1,250
Electronic devices	92	69	158
Subtotal	3,677	1,951	3,746
Other operating expenses			
Fuel	2,365	3,318	2,857
Bait	733	1,000	1,263
Ice	4	18	38
Provisions	712	1,238	844
Wages	145	85	80
Wharfage	241	160	176
Miscellaneous	3,205	2,823	3,096
Subtotal	7,405	8,642	8,354
Fixed expenses			
Marine insurance	647	139	501
Workers' Compensation Board			
Interest	1,865	209	942
Other	199	208	282
Subtotal	2,711	556	1,725
Total cash expenditure	13,793	11,149	13,825
Net cash remuneration labour and capital	19,438	19,825	23,292
1. Net crew income			
Net crew share (1)	16,452	11,595	12,883
Commission			
Subtotal	16,452	11,595	12,883
2. Net boat share	2,986	8,230	10,409
Less depreciation (2)	2,496	843	1,961
Net vessel income	490	7,387	8,448

(1) Includes helpers' wages and average wages calculated for captains.
(2) Depreciation calculated at 7 1/2% annually.
* Considered to be herring boats.

Table 10(a) - Average revenue, expenditure, and net income
North and Southeast Shores - Inshore vessels

ITEMS	Average			
	7. Pointe-Sapin	8. Richibucto	9. Cap-Pelé	10. Cape Tormentine
Dimensions (feet)	39	44	42	43
	$	$	$	$
Revenue				
Sale of fish	33,904	49,011	49,981	74,198
Other revenue	335	286		
Total revenue	34,239	49,297	49,981	74,198
Expenditure				
Maintenance and repair				
Hull	691	1,276	1,209	842
Motor	521	298	681	456
Winch	151	656	1,298	555
Fishing gear	1,223	3,475	2,100	2,511
Electronic devices	33	62	36	53
Subtotal	2,619	5,767	5,324	4,417
Other operating expenses				
Fuel	2,887	3,530	4,427	3,409
Bait	1,369	1,530	1,313	2,919
Ice	2	-	4	
Provisions	581	1,025	344	738
Wages	81	62	179	66
Wharfage	140	106	188	163
Miscellaneous	2,886	3,313	3,442	2,999
Subtotal	7,946	9,566	9,897	10,294
Fixed expenses				
Marine insurance	257	314	406	417
Workers' Compensation Board				
Interest	807	678	703	487
Other	256	216	389	247
Subtotal	1,320	1,208	1,498	1,151
Total cash expenditure	11,885	16,541	16,719	15,862
Net cash remuneration labour and capital	22,354	32,756	33,262	58,336
1. Net crew income				
Net crew share (1)	11,799	12,205	13,937	15,457
Commission				
Subtotal	11,799	12,205	13,937	15,457
2. Net boat share	10,555	20,551	19,325	42,879
Less depreciation (2)	1,005	1,765	2,149	1,910
Net vessel income	9,550	18,786	17,176	40,969

(1) Includes helpers' wages and average wages calculated for captains.
(2) Depreciation calculated at 7 1/2% annually.

Table 10(b) - Average revenue, expenditure, and net income
North and Southeast Shores - Midshore vessels

ITEMS	Average			
	11. Crabbers	12. Scottish Seiners	13.*Crabbers & S. Seiners	14. Shrimpers
Dimensions (feet)	64	64	65	85
	$	$	$	$
Revenue				
Sale of fish	253,675	223,812	395,959	196,480
Other revenue	29	30	23	98
Total revenue	253,704	223,842	395,982	196,578
Expenditure				
Maintenance and repair				
Hull	6,594	7,504	5,461	5,161
Motor	4,124	8,541	1,899	3,056
Winch	1,405	3,390	1,457	5,977
Fishing gear	11,693	7,725	7,771	4,917
Electronic devices	421	2,136	641	1,053
Subtotal	24,237	29,296	17,229	20,164
Other operating expenses				
Fuel	13,207	20,160	23,037	58,979
Bait	20,005		22,133	
Ice	668	3,186	2,102	4,572
Provisions	3,277	4,481	4,621	6,146
Wages	692	581	619	1,195
Wharfage	714	938	520	350
Miscellaneous	5,676	5,414	7,292	5,884
Subtotal	44,239	34,760	60,324	77,126
Fixed expenses				
Marine insurance	11,993	8,856	14,635	18,563
Workers' Compensation Board	625	625	650	625
Interest	14,700	8,133	36,023	45,990
Other	1,130	1,299	1,304	1,241
Subtotal	28,448	18,913	52,612	66,419
Total cash expenditure	96,924	82,969	130,165	163,709
Net cash remuneration labour and capital	156,780	140,873	265,817	32,869
1. Net crew income				
Net crew share (1)	103,683	97,616	168,954	65,091
Commission	3,428		75	2,010
Subtotal	107,111	97,616	169,029	67,101
2. Net boat share	49,669	43,257	-96,788	-34,232
Less depreciation (2)	24,760	16,920	44,146	50,085
Net vessel income	24,909	26,337	52,642	-84,317

(1) Depreciation calculated at 7 1/2% annually.
* Steel hull

Table 10(c) - Average revenue, expenditure, and net income - Bay of Fundy

ITEMS	Average				
	15. Multi-purpose (wood)	16. Multi-purpose (fibre-glass)	17. Herring Seiners	18. Long-liners	19. Scallop Draggers
Dimensions (feet)	43	42	60	41	40
	$	$	$	$	$
Revenue					
Sale of fish	42,450	65,274	344,378	24,392	48,097
Other revenue	2,989	153			
Total revenue	45,439	65,427	344,378	24,392	48,097
Expenditure					
Maintenance and repair					
Hull	629	392	3,771	245	1,592
Motor	1,316	1,435	1,392	650	804
Winch	478	753	929	37	81
Fishing gear	1,829	3,922	2,197	776	1,606
Electronic devices	166	401	1,269	26	160
Subtotal	4,418	6,903	9,558	1,734	4,243
Other operating expenses					
Fuel	2,554	8,480	10,050	2,162	5,479
Bait	256	986		1,111	253
Ice			62		
Provisions	789	515	3,844	447	682
Wages	240	283	934	17	76
Wharfage	18				
Miscellaneous	1,521	1,903	5,537	1,681	2,683
Seiners' Association			5,500		
Subtotal	7,378	12,167	25,927	5,418	9,173
Fixed expenses					
Marine insurance	1,538	1,260	4,487	702	1,137
Workers' Compensation Board			1,612		
Rent					
Interest	1,913	3,264	3,572	1,145	1,846
Other	188	195	1,760	148	227
Subtotal	3,639	4,719	11,431	1,995	3,210
Total cash expenditure	15,435	23,789	46,916	9,147	16,626
Net cash remuneration labour and capital	30,004	41,638	297,462	15,245	31,471
1. Net crew income					
Net crew share (1)	17,917	32,835	152,508	13,336	18,442
Commission					
Subtotal	17,917	32,835	152,508	13,336	18,442
2. Net boat share	12,087	8,803	144,954	1,909	13,029
Less depreciation (2)	3,240	4,582	7,964	1,898	2,836
Net vessel income	8,847	4,221	136,990	11	10,193

(1) Includes helpers' wages and average wages calculated for captains.
(2) Depreciation calculated at 7 1/2% annually.

Table 11(a) - Percentage distribution of total income
North and Southeast Shores - Inshore vessels

ITEMS	Average		
	1. Stonehaven Maisonnette	2.*Caraquet	3. Lamèque-Shippagan
Dimensions (feet)	35	48	36
Revenue			
Sale of fish	100.0	93.5	100.0
Other revenue		6.5	0
Total revenue	100.0	100.0	100.0
Expenditure			
Maintenance and repair			
Hull	2.1	2.5	3.0
Motor	3.3	1.2	1.4
Winch	0.6	1.2	0.8
Fishing gear	3.0	1.6	4.0
Electronic devices	0.2	0.1	0.9
Subtotal	9.2	6.6	10.1
Other operating expenses			
Fuel	10.2	6.4	11.0
Bait	3.4		4.2
Ice		0.7	
Provisions	2.0	2.3	2.7
Wages	0.6	0.2	0.2
Wharfage	0.1	1.0	0.7
Miscellaneous	11.1	5.9	12.0
Subtotal	27.4	16.5	30.8
Fixed expenses			
Marine insurance	1.4	2.1	1.6
Workers' Compensation Board			
Interest	4.7	4.8	1.7
Other	1.1	0.7	1.2
Subtotal	7.2	7.6	4.5
Total cash expenditure	43.8	30.7	45.4
Net cash remuneration labour and capital	56.2	69.3	54.6
1. Net crew income			
Net crew share (1)	48.3	59.1	50.2
Commission			
Subtotal	48.3	59.1	50.2
2. Net boat share	7.9	10.2	4.4
Less depreciation (2)	7.2	7.4	8.3
Net vessel income	0.7	2.8	-3.9

* Considered to be herring boats.
(1) Includes helpers' wages and average wages calculated for captains.
(2) Depreciation calculated at 7 1/2% annually.
0 Not applicable

Table 11(a) - Percentage distribution of total revenue
North and Southeast Shores - Inshore vessels

ITEMS	Average		
	4. *Lamèque-Shippagan	5. Val Comeau Neguac	6. Baie-Ste-Anne
Dimensions (feet)	44	43	43
Revenue			
Sale of fish	100.0	99.9	100.0
Other revenue	0	0.1	
Total revenue	100.0	100.0	100.0
Expenditure			
Maintenance and repair			
Hull	3.1	1.9	3.1
Motor	1.9	1.3	1.8
Winch	0.4	0.2	1.4
Fishing gear	5.4	2.7	3.4
Electronic devices	0.3	0.2	0.4
Subtotal	11.1	6.3	10.1
Other operating expenses			
Fuel	7.1	10.7	7.7
Bait	2.2	3.2	3.4
Ice	0	0.1	0.1
Provisions	2.2	4.0	2.3
Wages	0.5	0.3	0.2
Wharfage	0.7	0.5	0.5
Miscellaneous	9.6	9.1	8.3
Subtotal	22.3	27.9	22.5
Fixed expenses			
Marine insurance	1.9	0.4	1.4
Workers' Compensation Board			
Interest	5.6	0.7	2.5
Other	0.6	0.7	0.8
Subtotal	8.1	1.8	4.7
Total cash expenditure	41.5	36.0	37.3
Net cash remuneration labour and capital	58.5	64.0	62.7
1. Net crew income			
Net crew share (1)	49.5	37.4	34.7
Commission			
Subtotal	49.5	37.4	34.7
2. Net boat share	9.0	26.6	28.0
Less depreciation (2)	7.5	2.7	5.3
Net vessel income	1.5	23.9	22.7

* Considered to be herring boats.
(1) Includes helpers' wages and average wages calculated for captains.
(2) Depreciation calculated at 7 1/2% annually.
0 Not applicable

Table 11(a) - Percentage distribution of total income
North and Southeast Shores - Inshore vessels

ITEMS	Average			
	7. Pointe-Sapin	8. Richibucto	9. Cap-Pelé	10. Cape Tormentine
Dimensions (feet)	39	44	42	43
Revenue				
Sale of fish	99.0	99.4	100.0	100.0
Other revenue	1.0	0.6		
Total revenue	100.0	100.0	100.0	100.0
Expenditure				
Maintenance and repair				
Hull	2.0	2.6	2.4	1.1
Motor	1.5	0.6	1.4	0.6
Winch	0.4	1.3	2.6	0.8
Fishing gear	3.6	7.1	4.2	3.4
Electronic devices	0.1	0.1	0.1	0.1
Subtotal	7.6	11.7	10.7	6.0
Other operating expenses				
Fuel	8.4	7.2	8.8	4.6
Bait	4.0	3.1	2.6	4.0
Ice	0	0	0	
Provisions	1.7	2.1	0.7	1.0
Wages	0.2	0.1	0.4	0.1
Wharfage	0.4	0.2	0.4	0.2
Miscellaneous	8.5	6.7	6.9	4.0
Subtotal	23.2	19.4	19.8	13.9
Fixed expenses				
Marine insurance	0.8	0.7	0.8	0.6
Workers' Compensation Board				
Interest	2.3	1.4	1.4	0.6
Other	0.8	0.4	0.8	0.3
Subtotal	3.9	2.5	3.0	1.5
Total cash expenditure	34.7	33.6	33.5	21.4
Net cash remuneration labour and capital	65.3	66.4	66.5	78.6
1. Net crew income				
Net crew share (1)	34.5	24.7	27.9	20.8
Commission				
Subtotal	34.5	24.7	27.9	20.8
2. Net boat share	30.8	41.7	38.6	57.8
Less depreciation (2)	2.9	3.6	4.3	2.6
Net vessel income	27.9	38.1	34.3	55.2

(1) Includes helpers' wages and average wages calculated for captains.
(2) Depreciation calculated at 7 1/2% annually.
0 Not applicable

Table 11(b) - Percentage distribution of total income
North and Southeast Shores - Midshore vessels

ITEMS	Average			
	11. Crabbers	12. Scottish Seiners	13.*Crabbers & S. Seiners	14. Shrimpers
Dimensions (feet)	64	64	65	85
Revenue				
Sale of fish	100.0	100.0	100.0	100.0
Other revenue	0	0	0	0
Total revenue	100.0	100.0	100.0	100.0
Expenditure				
Maintenance and repair				
Hull	2.6	3.4	1.4	2.6
Motor	1.6	3.8	0.5	1.6
Winch	0.6	1.5	0.4	3.0
Fishing gear	4.6	3.4	2.0	2.5
Electronic devices	0.2	1.0	0.1	0.6
Subtotal	9.6	13.1	4.4	10.3
Other operating expenses				
Fuel	5.2	9.0	5.8	30.0
Bait	7.9		5.6	
Ice	0.2	1.4	0.5	2.3
Provisions	1.3	2.0	1.2	3.1
Wages	0.3	0.3	0.2	0.6
Wharfage	0.3	0.4	0.1	0.2
Miscellaneous	2.2	2.4	1.8	3.0
Subtotal	17.4	15.5	15.2	39.2
Fixed expenses				
Marine insurance	4.7	4.0	3.7	9.5
Workers' Compensation Board	0.3	0.3	0.2	0.3
Interest	5.8	3.6	9.1	23.4
Other	0.4	0.6	0.3	0.6
Subtotal	11.2	8.5	13.3	33.8
Total cash expenditure	38.2	37.1	32.9	83.3
Net cash remuneration labour and capital	61.8	62.9	67.1	16.7
1. Net crew income				
Net crew share (1)	40.9	43.6	42.7	33.1
Commission	1.3		0	1.0
Subtotal	42.2	43.6	42.7	34.1
2. Net boat share	19.6	19.3	24.4	-17.4
Less depreciation (2)	9.8	7.6	11.1	25.5
Net vessel income	9.8	11.7	13.3	-42.9

(1) Depreciation calculated at 7 1/2% annually.
0 Not applicable
* Steel hull

Table 11(c) - Percentage distribution of total income - Bay of Fundy

ITEMS	Average				
	15. Multi-purpose (wood)	16. Multi-purpose (fibre-glass)	17. Herring Seiners	18. Long-liners	19. Scallop Draggers
Dimensions (feet)	43	42	60	41	40
Revenue					
Sale of fish	93.4	99.8	100.0	100.0	100.0
Other revenue	6.6	0.2			
Total revenue	100.0	100.0	100.0	100.0	100.0
Expenditure					
Maintenance and repair					
Hull	1.4	0.6	1.1	1.0	3.3
Motor	2.9	2.2	0.4	2.7	1.7
Winch	1.0	1.2	0.3	0.1	0.2
Fishing gear	4.0	6.0	0.6	3.2	3.3
Electronic devices	0.4	0.6	0.4	0.1	0.3
Subtotal	9.7	10.6	2.8	7.1	8.8
Other operating expenses					
Fuel	10.0	13.0	2.9	8.9	11.4
Bait	0.6	1.5		4.5	0.5
Ice			0		
Provisions	1.7	0.8	1.1	1.8	1.4
Wages	0.5	0.4	0.3	0.1	0.2
Wharfage	0.1				
Miscellaneous	3.4	2.9	1.6	6.9	5.6
Seiners' Association	--		1.6	--	
Subtotal	16.3	18.6	7.5	22.2	19.1
Fixed expenses					
Marine insurance	3.4	1.9	1.3	2.9	2.4
Workers' Compensation Board			0.5		
Rent					
Interest	4.2	5.0	1.0	4.7	3.8
Other	0.4	0.3	0.5	0.6	0.5
Subtotal	8.0	7.2	3.3	8.2	6.7
Total cash expenditure	34.0	36.4	13.6	37.5	34.6
Net cash remuneration labour and capital	66.0	63.6	86.4	62.5	65.4
1. Net crew income					
Net crew share (1)	39.4	50.2	44.3	54.7	38.3
Commission					
Subtotal	39.4	50.2	44.3	54.7	38.3
2. Net boat share	26.6	13.4	42.1	7.8	27.1
Less depreciation (2)	7.1	7.0	2.3	7.8	5.9
Net vessel income	19.5	6.4	39.8	0	21.2

(1) Includes helpers' wages and average wages calculated for captains.
(2) Depreciation calculated at 7 1/2% annually.
0 Not applicable

COMPARISON BETWEEN AVERAGE COST INCURRED AND PRICE RECEIVED FOR EACH POUND OF FISH

Since boats do not operate on the basis of a single species of fish, it is impossible to determine the average cost per pound for each species of fish landed. An average total cost is therefore established for all species concerned in each group studied.

Tables 12a and 12b give the comparison between the total average cost and the average price received. Cape Tormentine fishermen made the highest profit among inshore fishermen, with an average of 101.94 cents for each pound of fish landed. In the Bay of Fundy, the scallop draggers made the highest profit, receiving 11.23 cents per pound.

Table 12(a) - Comparison between average cost and price received per pound of fish - North and Southeast Shores.

Localities and types of vessel (Groups 1-14)	Cost per pound of fish landed (1)	Price received per pound (2)	Profit or loss per pound
	¢	¢	¢
Inshore			
1. Stonehaven-Maisonnette	18.82	18.96	0.14
2. Caraquet (3)	8.71	8.38	-0.33
3. Lamèque-Shippagan	43.45	41.82	-1.63
4. Lamèque-Shippagan (3)	18.27	18.54	0.27
5. Val Comeau - Neguac	36.17	47.47	11.30
6. Baie-Ste-Anne	37.30	48.29	10.99
7. Pointe Sapin	41.29	56.70	15.41
8. Richibucto	35.71	57.37	21.66
9. Cap-Pelé	119.98	182.80	62.82
10. Cape Tormentine	82.69	184.63	101.94
Midshore			
11. Crabbers	53.20	58.99	5.79
12. Scottish Seiners	17.53	19.86	2.33
13. Crabbers & S. Seiners (4)	40.70	46.94	6.24
14. Shrimpers	54.35	38.02	-16.33

(1) Depreciation is included in total costs, as are average wages calculated for captains of inshore vessels.
(2) Does not include rebates or other revenue.
(3) Considered to be herring boats.
(4) Steel hull.

Table 12(b) - Comparison between average cost and price received per pound of fish - Bay of Fundy.

Localities and types of vessel (Groups 15-18)	Cost per pound of fish landed (1)	Price received per pound (2)	Profit or loss per pound
	¢	¢	¢
15. Multi-purpose (wood)	45.02	52.23	7.21
16. Multi-purpose (fibreglass)	81.38	86.79	5.41
17. Herring Seiners	3.65	6.07	2.42
18. Longliners	49.42	49.45	0.03
19. Scallop Draggers	41.78	53.01	11.23

(1) Depreciation is included in total costs, as are average wages calculated for captains of inshore vessels.

(2) Dos not include rebates or other revenue.

FISHING EFFORTS

Fishing efforts for a single type of fishing vessel can be expressed in various ways, including the number of crew members, number of fishing trips, and number of days fished. The landings or the value of quantities landed represent the direct results of these efforts. The above data are given in Tables 13, 14, and 15.

Table 13(a) - Average operating results of fishing vessels - North and Southeast shores.

Localities and types of vessels (groups 1-10)	Average by locality							
	O.L. (1)	Complement of crew	Fishing trips	Days at sea	fished	Hours fished (2)	Landings	Landed value
	ft	No.	No.	No.	No.	No.	lb	$
Inshore								
1. Stonehaven-Maisonnette	35	1.72	81	81	81	587	102,754	19,478
2. Caraquet (3)	48	3.72	51	63	51	540	452,666	37,935
3. Lamèque-Shippagan	36	2.34	66	66	66	539	53,301	22,289
4. Lamèque-Shippagan (3)	44	3.00	53	67	53	490	179,162	33,220
5. Val Comeau-Neguac	43	2.27	60	60	60	600	65,214	30,957
6. Baie-Ste-Anne	43	2.25	78	78	78	646	76,859	37,117
7. Pointe Sapin	39	2.00	67	67	67	529	59,793	33,904
8. Richibucto	44	2.00	76	76	76	661	85,432	49,011
9. Cap-Pelé	42	2.30	69	69	69	703	27,342	49,981
10. Cape Tormentine	43	2.00	66	66	66	612	40,187	74,198

(1) O.L.: Overall length
(2) Figures calculated on estimates for all types of fishing
(3) Considered to be herring boats

Table 13(b) - Average operating results of fishing vessels

Localities and types of vessels (groups 11-19)	Average according to type of vessel							
	O.L. (1)	Complement of crew	Fishing trips	Days at sea fished		Hours fished (2)	Landings	Landed value
	ft	No.	No.	No.	No.	No.	lb	$
Midshore								
11. Crabbers	64	5.00	23	51	34	542(2)	430,043	253,675
12. Scottish seiners	64	4.76	28	98	74	995	1,126,692	223,812
13. Crabbers and S. seiners(3)	65	5.00	33	96	68	919(2)	843,575	395,959
14. Shrimpers	85	4.23	18	141	105	1,549	516,819	196,480
Bay of Fundy								
15. Multi-purpose (wood)	43	3.00	86(4)	86(4)	86(4)	527(4)	81,275	42,450
16. Multi-purpose (fibreglass)	42	2.45	103(4)	103(4)	103(4)	987(4)	75,211	65,274
17. Herring seiners	60	6.00	55(4)	55(4)	55(4)	173(4)	5,675,096	344,378
18. Longliners	41	2.00	73(4)	73(4)	73(4)	547(4)	49,331	24,392
19. Scallop draggers	40	2.70	129(4)	129(4)	129(4)	1,298(4)	90,725	48,097

(1) O.L.: Overall length.
(2) Number of hours for lifting, baiting, and setting traps; also number of hours of groundfish trawling, if applicable.
(3) Steel hull.
(4) Fishermen's estimate.

Table 14(a) - Operating efficiency of fishing vessels - North and Southeast Shores.

Localities and types of vessel (groups 1-10)	O.L.	Average by locality					
		Landings per			Landed value per		
		man (1)	trips (2)	days at sea	man (1)	trips (2)	days at sea
	feet	lb	lb	lb	$	$	$
Inshore							
1. Stonehaven-Maisonnette	35	59,741	1,268	1,268	11,324	240	240
2. Caraquet (3)	48	121,684	8,876	7,185	10,198	744	602
3. Lamèque-Shippagan	36	22,778	808	808	9,525	338	338
4. Lamèque (3) Shippagan	44	59,721	3,380	2,674	11,073	627	496
5. Val Comeau-Neguac	43	28,729	1,087	1,087	13,637	516	516
6. Baie-Ste-Anne	43	34,160	985	985	16,496	476	476
7. Pointe Sapin	39	29,897	892	892	16,952	506	506
8. Richibucto	44	42,716	1,124	1,124	24,506	645	645
9. Cap-Pelé	42	11,888	396	396	21,731	724	724
10. Cape Tormentine	43	20,094	609	609	37,099	1,124	1,124

(1) Man per fishing season.
(2) Per vessel.
(3) Considered to be herring boats.

Table 14(b) - Operating efficiency of fishing vessels

Localities and types of vessel (groups 11-19)	O.L.	Average according to type of vessel					
		Landings per			Landed value per		
		man (1)	trips (2)	days at sea	man (1)	trips (2)	days at sea
	feet	lb	lb	lb	$	$	$
Midshore							
11. Crabbers	64	86,009	18,698	8,432	50,735	11,029	4,974
12. Scottish seiners	64	236,700	40,239	11,497	47,019	7,993	2,284
13. Crabbers & S. seiners (3)	65	168,715	25,563	8,787	79,192	11,999	4,125
14. Shrimpers	85	122,179	28,712	3,665	46,449	10,916	1,393
Bay of Fundy							
15. Multi-purpose (wood)	43	27,092	945	945	14,150	494	494
16. Multi-purpose (fibreglass)	42	30,698	730	730	26,642	634	634
17. Herring seiners	60	945,849	103,184	103,184	57,396	6,261	6,261
18. Longliners	41	24,666	676	676	12,196	334	334
19. Scallop draggers	40	33,602	703	703	17,814	373	373

(1) Man per fishing season.

(2) Per vessel.

(3) Steel hull.

Table 15(a) - Average catch rate - North and Southeast Shores

Localities and types of vessel (groups 1-14)	Complement of crew	Average			
		Catch per hour fished		Catch per man - day absent from port	
		Landings	Value	Landings	Value
	number	lb	$	lb	$
Inshore					
1. Stonehaven-Maisonnette	1.72	175	33	739	140
2. Caraquet	3.72	838	70	1,924	161
3. Lamèque-Shippagan	2.34	99	41	344	144
4. Lamèque-Shippagan	3.00	366	68	895	166
5. Val Comeau-Neguac	2.27	109	52	480	228
6. Baie-Ste-Anne	2.25	119	57	442	213
7. Pointe Sapin	2.00	113	64	448	254
8. Richibucto	2.00	129	74	564	324
9. Cap-Pelé	2.30	39	71	172	314
10. Cape Tormentine	2.00	66	121	306	564

Table 15(b) - Average catch rate

Localities and types of vessel (groups 1 - 14)	Complement of crew	Average			
		Catch per hour fished		Catch per man - day absent from port	
		Landings	Value	Landings	Value
	number	lb	$	lb	$
Midshore					
11. Crabbers (1)	5.00	793	468	1,703	1,005
12. Scottish seiners	4.76	1,132	225	2,416	480
13. Crabbers and Scottish seiners (1)	5.00	918	431	1,762	827
14. Shrimpers	4.23	334	127	867	330
Bay of Fundy					
15. Multi-purpose (wood)	3.00	154	81	316	165
16. Multi-purpose (fibreglass)	2.45	76	66	297	258
17. Herring Seiners	6.00	32,804	1,991	17,302	1,050
18. Longliners	2.00	90	45	336	166
19. Scallop Draggers	2.70	70	37	261	138

(1) Includes crab fishing and groundfishing.

PAYMENT OF WAGES

Owners of inshore vessels in the North and Southeast of the province hire helpers who are generally paid weekly wages, especially when it concerns lobster fishing. Sometimes, hired crew members are paid according to a share system, such as 25% of the catch value or $5.00 per barrel. This is the case for herring and mackerel fishing in particular.

The owners of the inshore vessels have no definite method of obtaining wages, and prefer to make deductions, when necessary, from the boat share. Since they need some wages from their operations, it is preferable and fairer for them to use a certain method to find an average wage instead of taking nothing into consideration and making no deduction when calculating the revenue of their vessels.

It seems that a weekly wage multiplied by a certain number of weeks can give a reasonable estimate of an average wage.

Table 16(a) shows the average revenue during the fishing season for each man according to function, i.e., captain, chief engineer, or other.

For the captain of an inshore vessel, the average wage is calculated according to a rate of $275.00 per week, multiplied by the average number of weeks in the fishing season for each group concerned (see Table 23(a) for the number of weeks in the fishing season). Three weeks for repairs in the spring are added to the number of fishing-season weeks for all groups concerned. Thus, the average wage for a captain of Stonehaven-Maisonnette is $275.00 X (21 + 3) = $6,600.00.

The average wage of the first helper for the forty (40) inshore vessels is $5,326.01 for the fishing season. The amounts paid to helpers during the season for the forty (40) inshore vessels are as follows:

First helper	213,041
Second helper	73,975
Third helper	23,297
TOTAL	310,313

Second, third, and fourth helpers are hired primarily for herring and mackerel fishing.

Crew members of crabbers, Scottish seiners, and crabbers and Scottish seiners, receive a wage based on a share of the catch value. The share system is 40% as boat share and 60% as crew share. Crew expenses include fuel, ice, food, and bait. Generally, no commission is paid in addition to share wage.

On shrimpers, however, the share system is different. The boat share is 63%, and that of the crew, 37%. Ordinarily, crew expenses include only food and unloading charges. In addition to the share wage, there are commissions for certain functions, such as those of captain, engineer, etc. The commissions are based on a percentage of the catch value or on a rate established for each day at sea. A captain could have earned $14,843.00 for the fishing season as indicated at table 16(a).

There are no wages indicated for captains of inshore vessels in the Bay of Fundy region. This means that they too make deductions from the boat share, as required. Since the average number of weeks fished is not available for calculating a captain's wages, the average wage of the first helper is used as a basis to determine a similar wage for the captain (Table 16(b)).

Table 16(a) - Average net income per man per fishing season - North and Southeast Shores

Localities and types of vessel (groups 1014)	Days afloat	Crew classification				
		Captain (1)	Chief Engineer	Cook	Deck hand	1st helper (2)
Inshore						
1. Stonehaven-Maisonnette	81	6,600				2,560
2. Caraquet (3)	63	6,050				6,561
3. Lamèque-Shippagan	66	5,225				5,238
4. Lamèque- (3) Shippagan	67	5,225				6,046
5. Val Comeau-Neguac	60	5,225				4,700
6. Baie-Ste-Anne	78	5,500				5,274
7. Pointe Sapin	67	6,875				4,924
8. Richibucto	76	6,875				4,700
9. Cap-Pelé	69	6,325				5,821
10. Cape Tormentine	66	7,425				7,436
Midshore						
11. Crabbers	51	24,561	20,440		20,440	
12. Scottish seiners	98	21,411	21,411		21,255	
13. Crabbers & S. seiners	96	35,596	34,317		33,693	
14. Shrimpers	141	14,843	15,917	14,997	14,525	

(1) Wages according to a certain estimate for inshore vessels.
(2) Certain inshore vessels fished part of the season without a helper.
(3) Considered to be herring boats.
(4) Steel hull.

Table 16(b) - Average net income per man per fishing season - Bay of Fundy

Types of vessel (groups 15-19)	Crew classification			
	Captain	Deckhand	1st helper	2nd helper
15. Multi-purpose (wood)	6,077 (1)		6,077	5,764
16. Multi-purpose (fibreglass)	15,812 (1)		15,812	1,210
17. Herring seiners	33,723	24,645		
18. Longliners	6,566 (1)		6,566	204
19. Scallop Draggers	7,107 (1)		7,107	4,228

(1) Wages based on average wage of 1st helper.

CAPITAL COST AND FINANCING METHOD

The average total cost of capital assets for each group concerned includes the original cost of the vessel, improvements made on it to date, and the cost of fishing gear (Table 17).

Details on the method of financing invested capital are provided in Table 18. Crabbers (group 11) have an average total cost of $405,646. Of this amount, $295,135 is financed by the New Brunswick Fisheries Development Board, and $43,688 through grants.

Table 17 - Average total cost of capital assets - North and Southeast Shores.

Localities and types of vessel (Groups 1-14)	Original or acquisition cost (1)	Improvements, losses or sales	Cost of fishing gear	Total cost of cumulative capital assets-end of 1984 (2)
Inshore				
1. Stonehaven-Maisonnette	13,328	2,936	14,869	31,133
2. Caraquet (3)	28,320	19,998	17,680	65,998
3. Lamèque-Shippagan	20,119	2,726	18,392	41,237
4. Lamèque- (3) Shippagan	27,729	10,963	19,475	58,167
5. Val Comeau-Neguac	8,763	4,429	11,439	24,631
6. Baie-Ste-Anne	21,722	9,616	27,023	58,361
7. Pointe Sapin	7,678	5,473	11,731	24,882
8. Richibucto	21,773	5,829	10,847	38,449
9. Cap-Pelé	21,771	9,816	15,940	47,527
10. Cape Tormentine	21,821	4,453	10,172	36,446
Midshore				
11. Crabbers	291,355	78,407	35,884	405,646
12. Scottish Seiners	227,988	80,188	15,239	323,415
13. Crabbers and S. Seiners (4)	692,851	70,289	53,475	816,615
14. Shrimpers	256,369	439,794	16,036	712,199

(1) Cost of fishing gear not included.
(2) Cumulative capital assets means the total amount without deduction of the amount already depreciated.
(3) Considered to be herring boats.
(4) Steel hull.

Table 18 - Method of financing invested capital - North and Southeast Shores.

Localities and types of vessel (Groups 1-14)	Average cost of investment as follows: Fisherman: Cash payment	Fisherman: Additional payment	Loans to fishermen (3): Original loan	Loans to fishermen (3): Additional loan	Grants (1)	Total cost of cumulative investment (2)
Inshore						
1. Stonehaven-Maisonnette	7,274	17,648	5,100		1,111	31,133
2. Caraquet (3)	7,581	31,107	16,365	875	10,070	65,998
3. Lamèque-Shippagan	3,048	28,953	7,412	872	952	41,237
4. Lamèque- (3) Shippagan	3,270	26,671	17,287	3,207	7,732	58,167
5. Val Comeau-Neguac	900	14,718	6,039		2,974	24,631
6. Baie-Ste-Anne	2,719	32,165	12,109	3,848	7,521	58,362
7. Pointe Sapin	1,056	15,348	6,978		1,500	24,882
8. Richibucto	1,302	17,013	11,438	2,337	6,359	38,449
9. Cap-Pelé	6,469	23,544	8,739	2,547	6,228	47,527
10. Cape Tormentine	15,569	14,260	3,729		2,888	36,446
Midshore						
11. Crabbers	11,913	54,910	260,021	35,114	43,688	405,646
12. Scottish Seiners	12,418	34,704	151,463	36,957	87,873	323,415
13. Crabbers and S. Seiners (4)	28,067	51,653	537,668	20,376	178,851	816,615
14. Shrimpers	13,278	49,685	231,348	385,964	31,924	712,199

(1) When a vessel is transferred to another owner, the new method of financing does not include the federal grant given previously. This item also includes federal and provincial grants for equipment if required (gutting machines).
(2) Cumulative investment means the total amount without deduction of the amount already depreciated.
(3) Includes the N.B. Fisheries Development Board and other financial institutions.

RATIO BETWEEN INVESTMENT AND VALUE OF PRODUCTION

The ratio between total investment and value of production constitutes a measurement of performance which can be considered important for those trying out new types of vessels, and even for governments which finance and grant subsidies for fishing vessels. The ratio between the net investment and the value of production represents a particularly important performance measurement for the owners of fishing vessels.

Table 19 indicates that Cape Tormentine vessels reflect the most positive ratio. For each $100.00 invested by the owner in his operation, he received an average total revenue of $221.10.

Table 19 - Ratio between cumulative investment and production value of boats - North and Southeast Shores

Localities and types of vessel (Groups 1-14)	O.L.	Average cumulative investment per vessel		Average total revenue per vessel (3)	Ratio between average total revenue and	
		Total (1)	Net (2)		Average total cumulative investment	Average net cumulative investment
	feet	$	$	$	%	%
Inshore						
1. Stonehaven-Maisonnette	35	31,133	30,022	19,478	62.6	64.9
2. Caraquet	48	65,998	55,928	40,576	61.5	72.6
3. Lamèque-Shippagan	36	41,237	40,285	22,290	54.1	55.3
4. Lamèque-Shippagan	44	58,167	50,435	33,231	57.1	65.9
5. Val Comeau-Neguac	43	24,631	21,657	30,974	125.8	143.0
6. Baie-Ste-Anne	43	58,362	50,841	37,117	63.6	73.0
7. Pointe Sapin	39	24,882	23,382	34,239	137.6	146.4
8. Richibucto	44	38,449	32,090	49,297	128.2	153.6
9. Cap-Pelé	42	47,527	41,298	49,981	105.2	121.0
10. Cape Tormentine	43	36,446	33,558	74,198	203.6	221.1
Midshore						
11. Crabbers	64	405,646	361,959	253,704	62.5	70.1
12. Scottish Seiners	64	323,415	235,542	223,842	69.2	95.0
13. Crabbers and S. Seiners	65	816,615	637,763	395,982	48.5	62.1
14. Shrimpers	85	712,199	680,274	196,578	27.6	28.9

(1) Total investment includes initial cost or transfer of vessel, cost of gear, all subsequent major improvements, and value of equipment rented.
(2) Net investment does not include subsidy granted at the time of construction or value of equipment rented.
(3) Total revenue includes sale of fish and revenue from rebates or other sources.

RETURN OF ASSETS

The rate of return on investment constitutes another measure of profitability. According to Table 20, the group of vessels from Cape Tormentine registered the best return among inshore and midshore boats, with 112.4% and 122.1% on the total and net investments.

Table 20 - Return of assets for vessels studied - North and Southeast Shores

Localities and types of vessel (Groups 1-14)	Averages				
	Total cost of cumulative investment	Net cost of cumulative investment (1)	Net profit or loss (2)	Average rate of return on total cumulative investment	Average rate of return on net cumulative investment
	$	$	$	%	%
Inshore					
1. Stonehaven-Maisonnette	31,133	30,022	144	0.5	0.5
2. Caraquet	65,998	55,928	1,156	1.8	2.1
3. Lamèque-Shippagan	41,237	40,285	-871	0	0
4. Lamèque-Shippagan	58,167	50,435	490	0.8	1.0
5. Val Comeau-Neguac	24,631	21,657	7,387	30.0	34.1
6. Baie-Ste-Anne	58,362	50,841	8,448	14.5	16.6
7. Pointe Sapin	24,882	23,382	9,550	38.4	40.8
8. Richibucto	38,449	32,090	18,786	48.9	58.5
9. Cap-Pelé	47,527	41,298	17,176	36.1	41.6
10. Cape Tormentine	36,446	33,558	40,969	112.4	122.1
Midshore					
11. Crabbers	405,646	361,959	24,909	6.1	6.9
12. Scottish Seiners	323,415	235,542	26,337	8.1	11.2
13. Crabbers and S. Seiners	816,615	637,763	52,642	6.4	8.3
14. Shrimpers	712,199	680,274	-84,317	0	0

(1) Total cost of investment less federal grant and value of equipment rented.
(2) Information according to Tables 10(a) and 10(b). Profits and losses indicated take into account average wages calculated for captains of each inshore fishing vessel group.
0 Not applicable.

DISTRIBUTION OF PAYMENT

In order to repay loans granted by the New Brunswick Fisheries Development Board, owners of midshore vessels make payments based on a certain percentage of the value of catches.

Payments made to the Board during the year also include amounts paid as deposits on the purchase of equipment or for major repairs.

Table 21 indicates average payments and deposits made during the year for each type of vessel. The monies are then credited in the Board's books either to purchase of equipment, major repairs, interest incurred, marine insurance or, if there is a balance, to the debt principal. Interests are calculated according to the calendar year from January 1 to December 31, 1985, and takes into account the reimbursement of 25%, and even 50%, of the calculated and paid cost of interest. This reduction in the amount of interest is carried out under the sharing of interest cost arrangement, Regulation 78-31 of the New Brunswick Fisheries Development Board.

According to Table 22, 70.07% of the payments and deposits made by crabbers and Scottish seiners are used to pay interest incurred during the year, whereas 4.01% are credited to the principal.

It should be noted that this distribution of payments cannot be applied to shrimpers. These vessels cannot even pay the amounts required for interest incurred.

Table 21 - Distribution of payments made to the N.B. Fisheries Development Board - North and Southeast Shores - Midshore vessels.

ITEMS	Average for midshore vessels		
	Crabbers	Scottish Seiners	Crabbers and Scottish Seiners
	$	$	$
Payments and deposits	47,345	19,732	51,410
Distributed as follows:			
- purchase of equipment	3,784	307	3,296
- major repairs	1,342	721	
- interest on loans	14,677	8,015	36,023
- marine insurance	11,993	8,856	10,027
- payments on principal	15,549	1,833	2,064

Table 22 - Percentage distribution of payments made to the N.B. Fisheries Development Board - North and Southeast Shores - Midshore vessels.

ITEMS	Percentage averages		
	Crabbers	Scottish Seiners	Crabbers and Scottish Seiners
	%	%	%
Payments and deposits	100.0	100.0	100.0
Distributed as follows:			
- purchase of equipment	7.99	1.55	6.41
- major repairs	2.84	3.65	
- interest on loans	31.00	40.62	70.07
- marine insurance	25.33	44.89	19.51
- payments on principal	32.84	9.29	4.01

Table 23(a) - Summary of fishing operations and financial situation in 1985

ITEMS	Averages for inshore vessels		
	1. Stonehaven-Maisonnette	2. Caraquet (2)	3. Lamèque-Shippagan
Fishing season (weeks)	21	19	16
Number of crew members	1.72	3.72	2.34
Number of trips	81	51	66
Days at sea	81	63	66
Days fished	81	51	66
Hours fished	587	540	539
Landings in pounds	102,754	452,666	53,301
Landed value ($)	19,478	37,935	22,289
Price per pound (¢)	18.96	8.38	41.82
Total revenue ($)	19,478	40,576	22,290
Total cash disbursement ($)	8,528	12,456	10,112
Net crew remuneration ($)(1)	9,405	23,967	11,202
Net cash boat share ($)	1,545	4,153	976
Depreciation ($)	1,401	2,997	1,847
Net profit or loss ($)	144	1,156	-871
Total number of vessels	4	4	4
Number showing net profit	2	2	2
Number showing net loss	2	2	2

(1) Includes wages of helpers and average wages calculated for captains.

(2) Considered to be herring boats.

Table 23(a) - Summary of fishing operations and financial situation in 1985

ITEMS	Averages for inshore vessels		
	4. Lamèque-Shippagan (2)	5. Val Comeau-Neguac	6. Baie-Ste-Anne
Fishing season (weeks)	16	16	17
Number of crew members	3.00	2.27	2.25
Number of trips	53	60	78
Days at sea	67	60	78
Days fished	53	60	78
Hours fished	490	600	646
Landings in pounds	179,162	65,214	76,859
Landed value ($)	33,220	30,957	37,117
Price per pound (¢)	18.54	47.47	48.29
Total revenue ($)	33,231	30,974	37,117
Total cash disbursement ($)	13,793	11,149	13,825
Net crew remuneration ($)(1)	16,452	11,595	12,883
Net cash boat share ($)	2,986	8,230	10,409
Depreciation ($)	2,496	843	1,961
Net profit or loss ($)	490	7,387	8,448
Total number of vessels	4	4	4
Number showing net profit	2	2	3
Number showing net loss	2	2	1

(1) Includes wages of helpers and average wages calculated for captains.

(2) Considered to be herring boats.

Table 23(a) - Summary of fishing operations and financial situation in 1985

ITEMS	Averages for inshore vessels	
	7. Pointe Sapin	8. Richibucto
Fishing season (weeks)	22	22
Number of crew members	2.00	2.00
Number of trips	68	76
Days at sea	68	76
Days fished	68	76
Hours fished	529	661
Landings in pounds	59,793	85,432
Landed value ($)	33,904	49,011
Price per pound (¢)	56.70	57.37
Total revenue ($)	34,239	49,297
Total cash disbursement ($)	11,885	16,541
Net crew remuneration ($)(1)	11,799	12,205
Net cash boat share ($)	10,555	20,551
Depreciation ($)	1,005	1,765
Net profit or loss ($)	9,550	18,786
Total number of vessels	4	4
Number showing net profit	4	3
Number showing net loss	0	1

(1) Includes wages of helpers and average wages calculated for captains.

Table 23(a) - Summary of fishing operations and financial situation in 1985

ITEMS	Averages for inshore vessels	
	9. Cap-Pelé	10. Cape Tormentine
Fishing season (weeks)	20	24
Number of crew members	2.30	2.00
Number of trips	69	66
Days at sea	69	66
Days fished	69	66
Hours fished	703	612
Landings in pounds	27,342	40,187
Landed value ($)	49,981	74,198
Price per pound (¢)	182.80	184.63
Total revenue ($)	49,981	74,198
Total cash disbursement ($)	16,719	15,862
Net crew remuneration ($)(1)	13,937	15,457
Net cash boat share ($)	19,325	42,879
Depreciation ($)	2,149	1,910
Net profit or loss ($)	17,176	40,969
Total number of vessels	4	4
Number showing net profit	4	4
Number showing net loss	0	0

(1) Includes wages of helpers and average wages calculated for captains.

Table 23(a) - Summary of fishing operations and financial situation in 1985

ITEMS	Averages for midshore vessels	
	11. Crabbers	12. Scottish Seiners
Fishing season (weeks)	12	29
Number of crew members	5.00	4.76
Number of trips	23	28
Days at sea	51	98
Days fished	34	74
Hours fished	542	995
Landings in pounds	430,043	1,126,692
Landed value ($)	253,675	223,812
Price per pound (¢)	58.99	19.86
Total revenue ($)	253,704	223,842
Total cash disbursement ($)	96,924	82,969
Net crew remuneration ($)(1)	107,111	97,616
Net cash boat share ($)	49,669	43,257
Depreciation ($)	24,760	16,920
Net profit or loss ($)	24,909	26,337
Total number of vessels	4	4
Number showing net profit	3	3
Number showing net loss	1	1

Table 23(b) - Summary of fishing operations and financial situation in 1985

ITEMS	Averages for midshore vessels	
	13. Crabbers and S. Seiners	14. Shrimpers
Fishing season (weeks)	24	26
Number of crew members	5.00	4.23
Number of trips	33	18
Days at sea	96	141
Days fished	68	141
Hours fished	919	1,549
Landings in pounds	843,575	516,819
Landed value ($)	395,959	196,480
Price per pound (¢)	46.94	38.02
Total revenue ($)	395,982	196,578
Total cash disbursement ($)	130,165	163,709
Net crew remuneration ($)(1)	169,029	67,101
Net cash boat share ($)	96,788	-34,232
Depreciation ($)	44,146	50,085
Net profit or loss ($)	52,642	-84,317
Total number of vessels	4	4
Number showing net profit	3	0
Number showing net loss	1	4

(1) Steel hull.

Table 23(c) - Summary of fishing operations and financial situation in 1985

ITEMS	Averages for Bay of Fundy vessels	
	15. Multi-purpose (wood)	16. Multi-purpose (fibreglass)
Number of crew members	3	2.45
Number of trips	86	103
Days at sea	86	103
Days fished	86	103
Hours fished	527	987
Landings in pounds	81,275	75,211
Landed value ($)	42,450	65,274
Price per pound (¢)	52.23	86.79
Total revenue ($)	45,439	65,427
Total cash disbursement ($)	15,435	23,789
Net crew remuneration ($)	17,917 (1)	32,835 (1)
Net cash boat share ($)	12,087	8,803
Depreciation ($)	3,240	4,582
Net profit or loss ($)	8,847	4,221
Total number of vessels	3	3
Number showing net profit	3	3
Number showing net loss		

(1) Includes wages of captains calculated according to average wage of 1st helper.

Table 23(c) - Summary of fishing operations and financial situation in 1985

ITEMS	Averages for Bay of Fundy vessels	
	17. Herring Seiners	18. Longliners
Number of crew members	6	2
Number of trips	55	73
Days at sea	55	73
Days fished	55	73
Hours fished	173	547
Landings in pounds	5,675,096	49,331
Landed value ($)	344,378	24,392
Price per pound (¢)	6.07	49.45
Total revenue ($)	344,378	24,392
Total cash disbursement ($)	46,916	9,147
Net crew remuneration ($)	152,508 (1)	13,336 (1)
Net cash boat share ($)	144,954	1,909
Depreciation ($)	7,964	1,898
Net profit or loss ($)	136,990	11
Total number of vessels	3	3
Number showing net profit	3	1
Number showing net loss	0	2

(1) Includes wages of captains calculated according to average wage of 1st helper.

Table 23(c) - Summary of fishing operations and financial situation in 1985

ITEMS	Averages for Bay of Fundy vessels
	19. Scallop Draggers
Number of crew members	270
Number of trips	129
Days at sea	129
Days fished	129
Hours fished	1,298
Landings in pounds	90,725
Landed value ($)	48,097
Price per pound (¢)	53.01
Total revenue ($)	48,097
Total cash disbursement ($)	16,626
Net crew remuneration ($) (1)	18,442
Net cash boat share ($)	13,029
Depreciation ($)	2,836
Net profit or loss ($)	10,193
Total number of vessels	4
Number showing net profit	3
Number showing net loss	1

(1) Includes wages of captains calculated according to average wage of 1st helper.